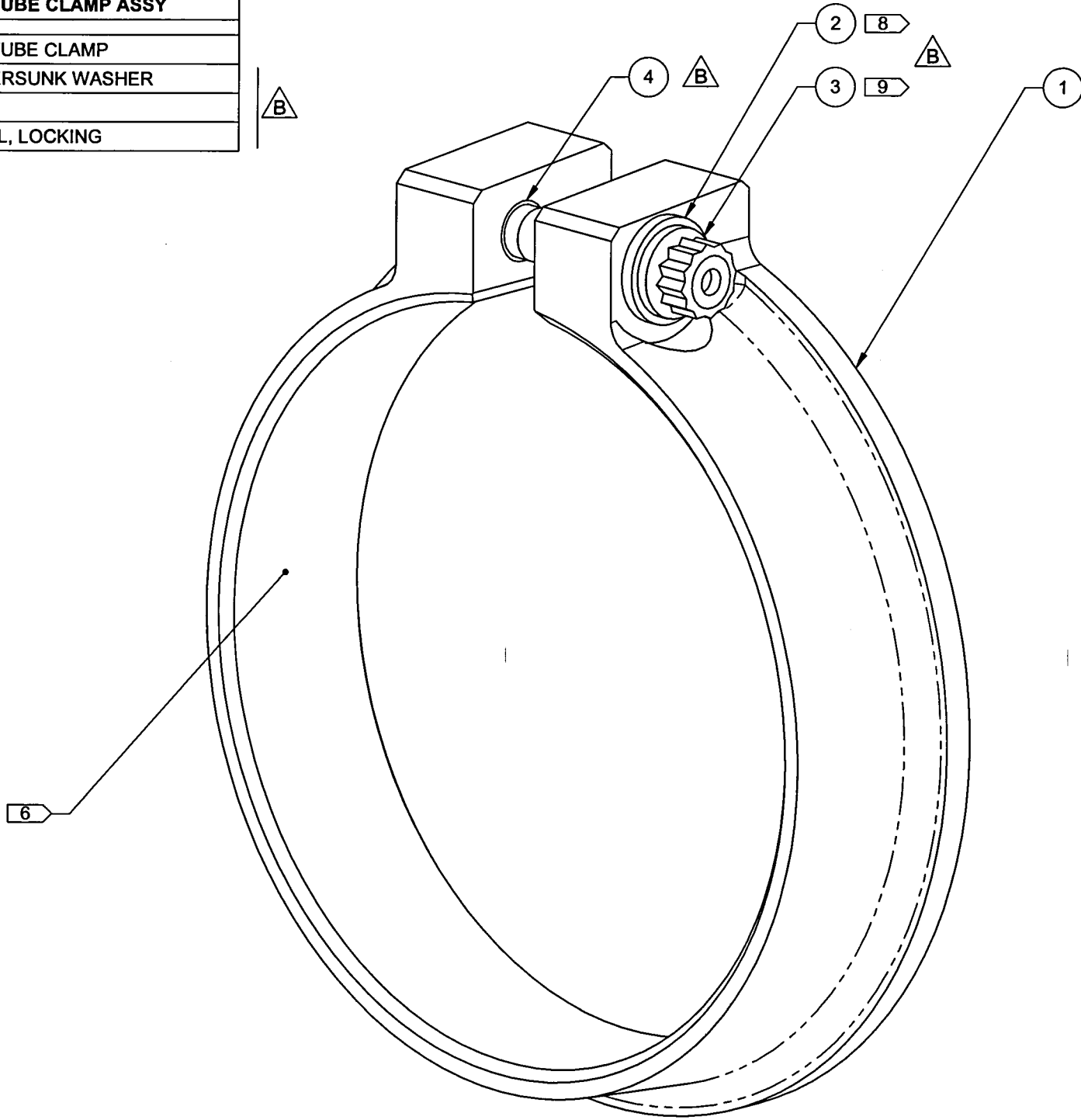


ITEM	QTY -041	P/N	DESCRIPTION
	X	D5412-041	CROSSTUBE CLAMP ASSY
1	1	D5412-1	CROSSTUBE CLAMP
2	1	MS20002C4	COUNTERSUNK WASHER
3	1	MS21250-04012	BOLT
4	1	MS21209F4-20	HELICOIL, LOCKING



D5412-041 CROSSTUBE CLAMP ASSY

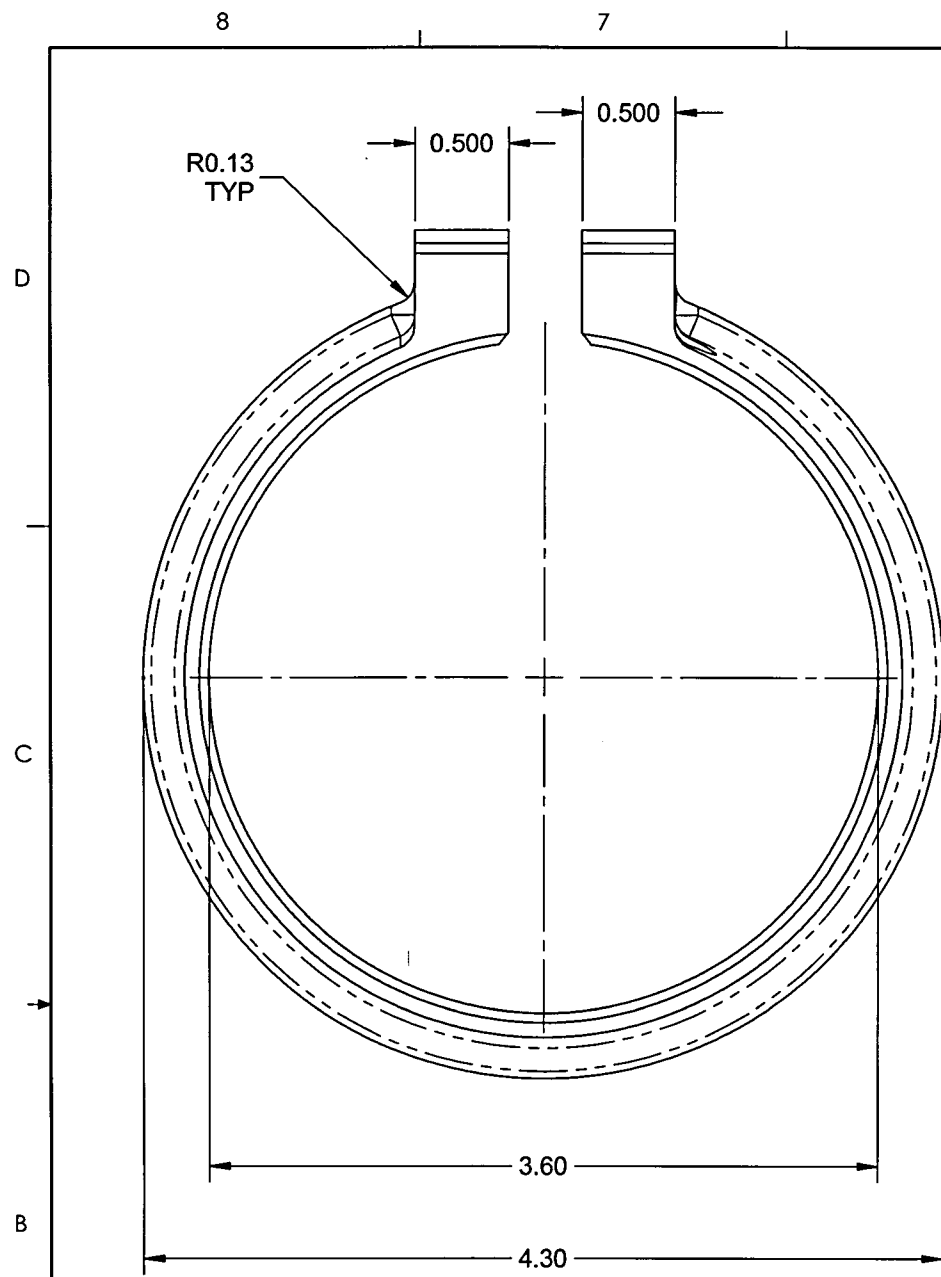
- NOTES:  
1) MATERIAL: N/A  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP N/A  
6) IDENTIFICATION: PER QSI 044 6.1  
7) WEIGHT: 0.27 lbs  
8) INSTALL MS20002C4 WASHER WITH COUNTERSUNK FACE AGAINST BOLT  
9) INSTALL MS21250-04014 BOLT LOOSE

RELEASED

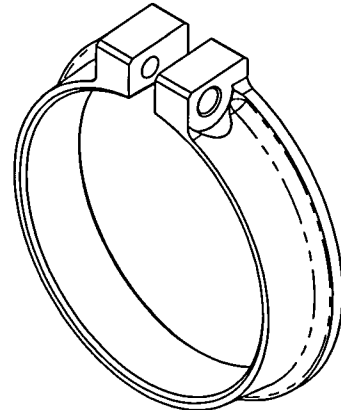
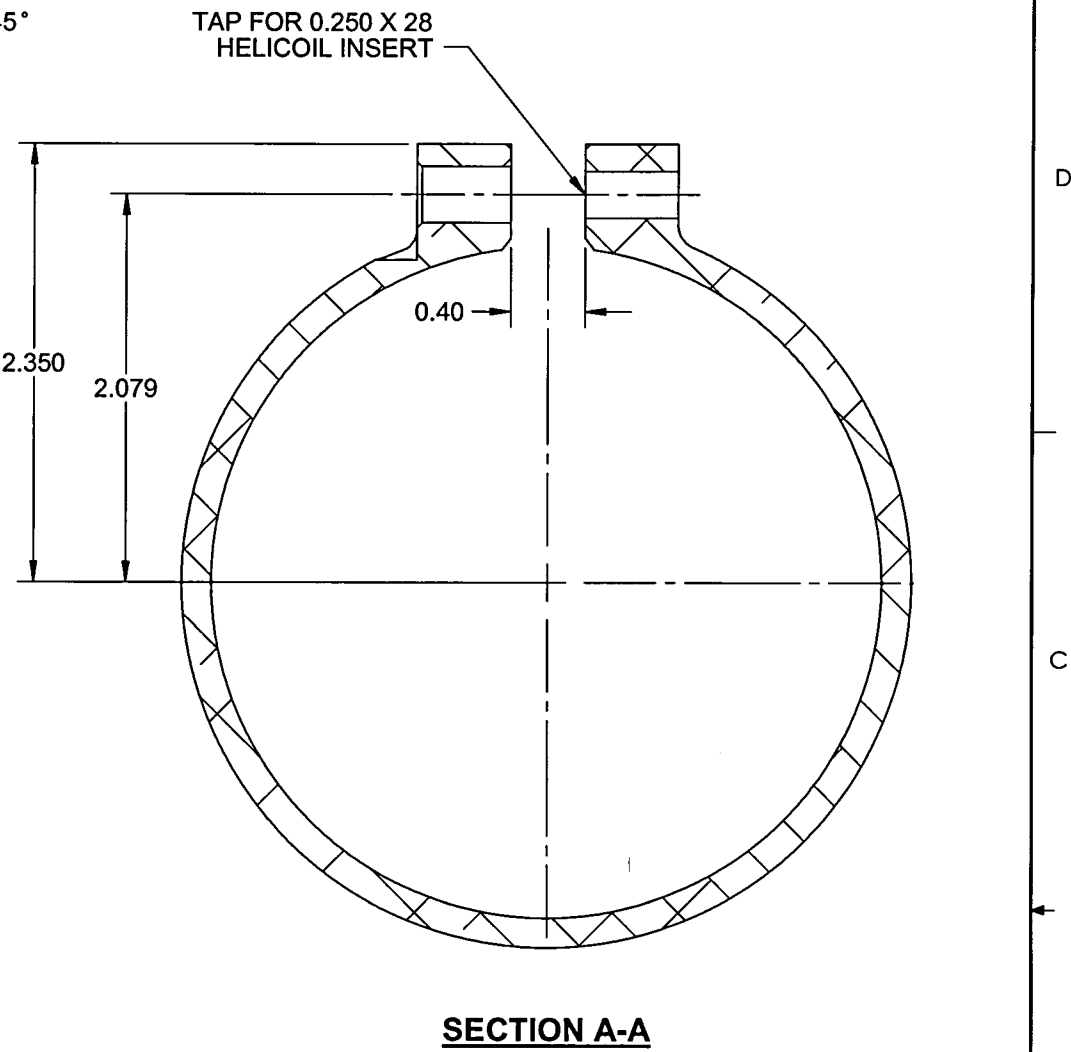
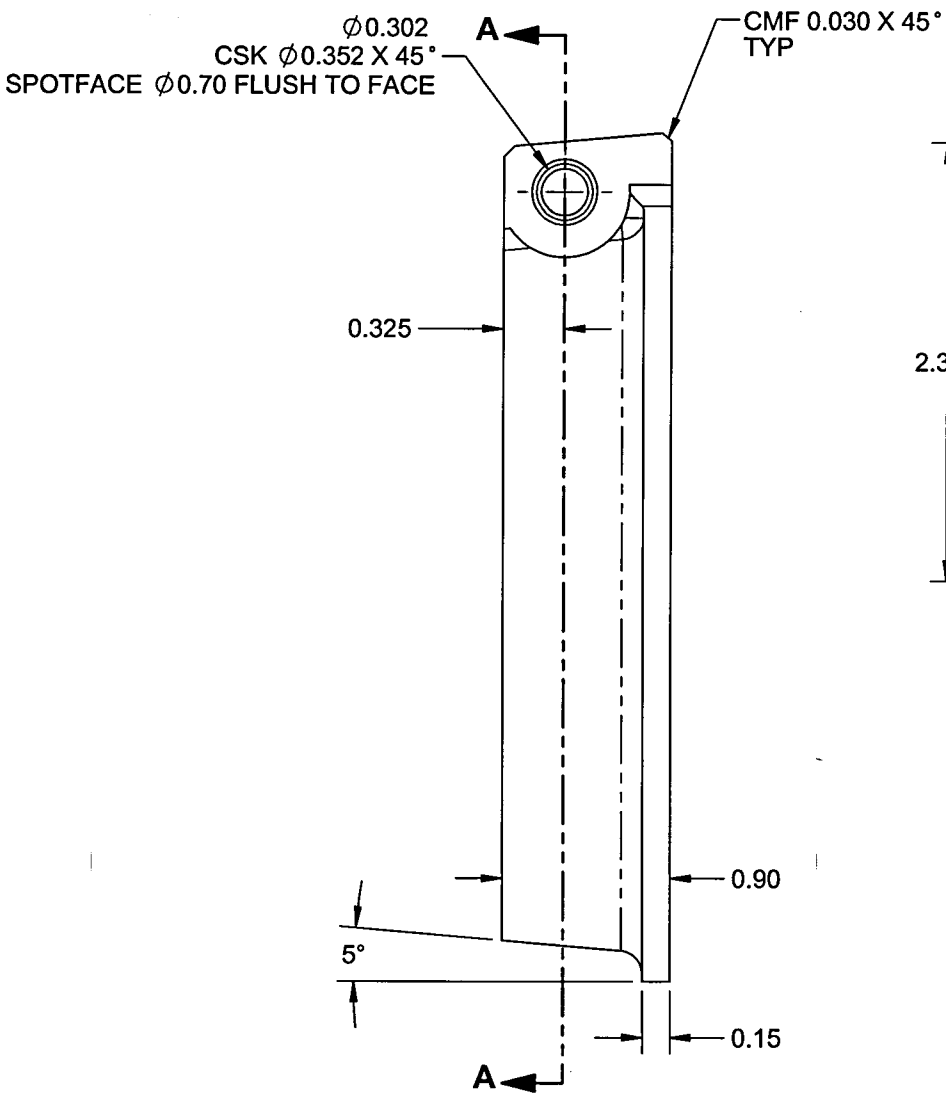
2017 SEP 25  
ECW 17-671

APPROVED

B	REVISE NOTES, REVISE HELICOIL P/N, ADD MS20002C4 WASHER, REDUCE BOLT LENGTH FOR BETTER FIT	ML	17.09.25
A	NEW ISSUE	ML	17.05.25
REV.	DESCRIPTION	BY	DATE
DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ML		
CHECKED	NO	DRAWING NO.	REV. B
MFG. APPR.	DP	D5412	SHEET 1 OF 2
APPROVED	WM	TITLE	SCALE
DE APPR.	CP	CROSSTUBE CLAMP	NTS
DATE	17.09.25	COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



**D5412-1 CROSSTUBE CLAMP**



**RELEASED**  
2017 SEP 25 *up*

- NOTES:**
- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR OR SHEET/PLATE PER QQ-A-225/8 OR AMS-QQ-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221 OR QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209  
REF. DART SPEC. M6061T6B OR M6061T6S
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
PRIME PER DART QSI 005 4.2.1.3.3 (FLOAT SKIDTUBE PRIMER)  
PAINT PER DART QSI 005 4.2.2.4 (FLOAT SKIDTUBE PAINT)
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: 0.24 lbs
  - 8) ALL NON DIMENSIONED FEATURES PER PART FILE D5412-1\_REV\_A.SLDPRT

APPROVED	DESIGN	ML	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
	DRAWN	ML		
	CHECKED	NO	DRAWING NO.	REV. B
	MFG. APPR.	DP	<b>D5412</b>	SHEET 2 OF 2
	APPROVED	WM	TITLE	SCALE
	DE APPR.	CP <i>up</i>	<b>CROSSTUBE CLAMP</b>	NTS
DATE		17.09.25	<small>COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	